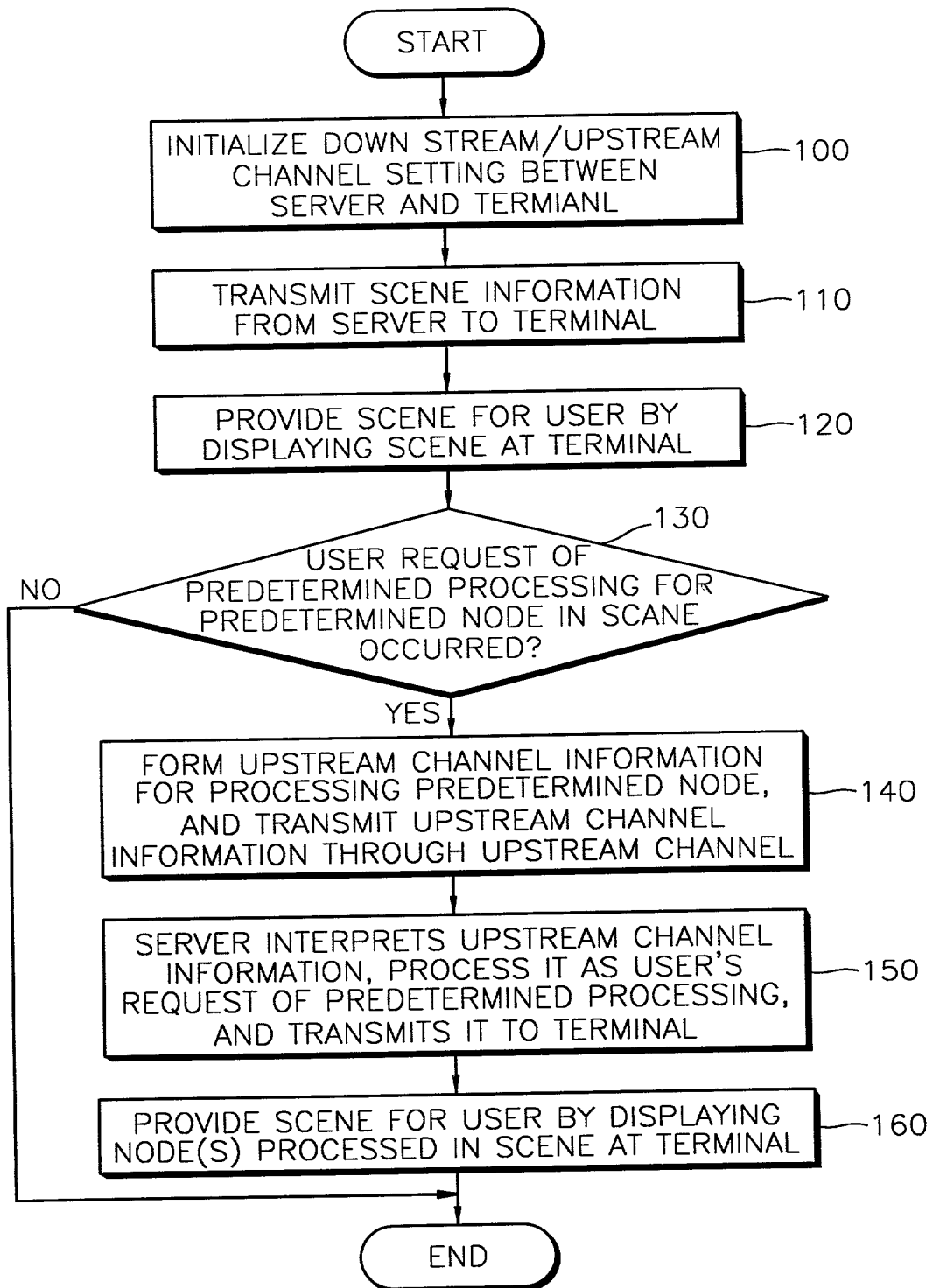


FIG. 1



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FIG. 2

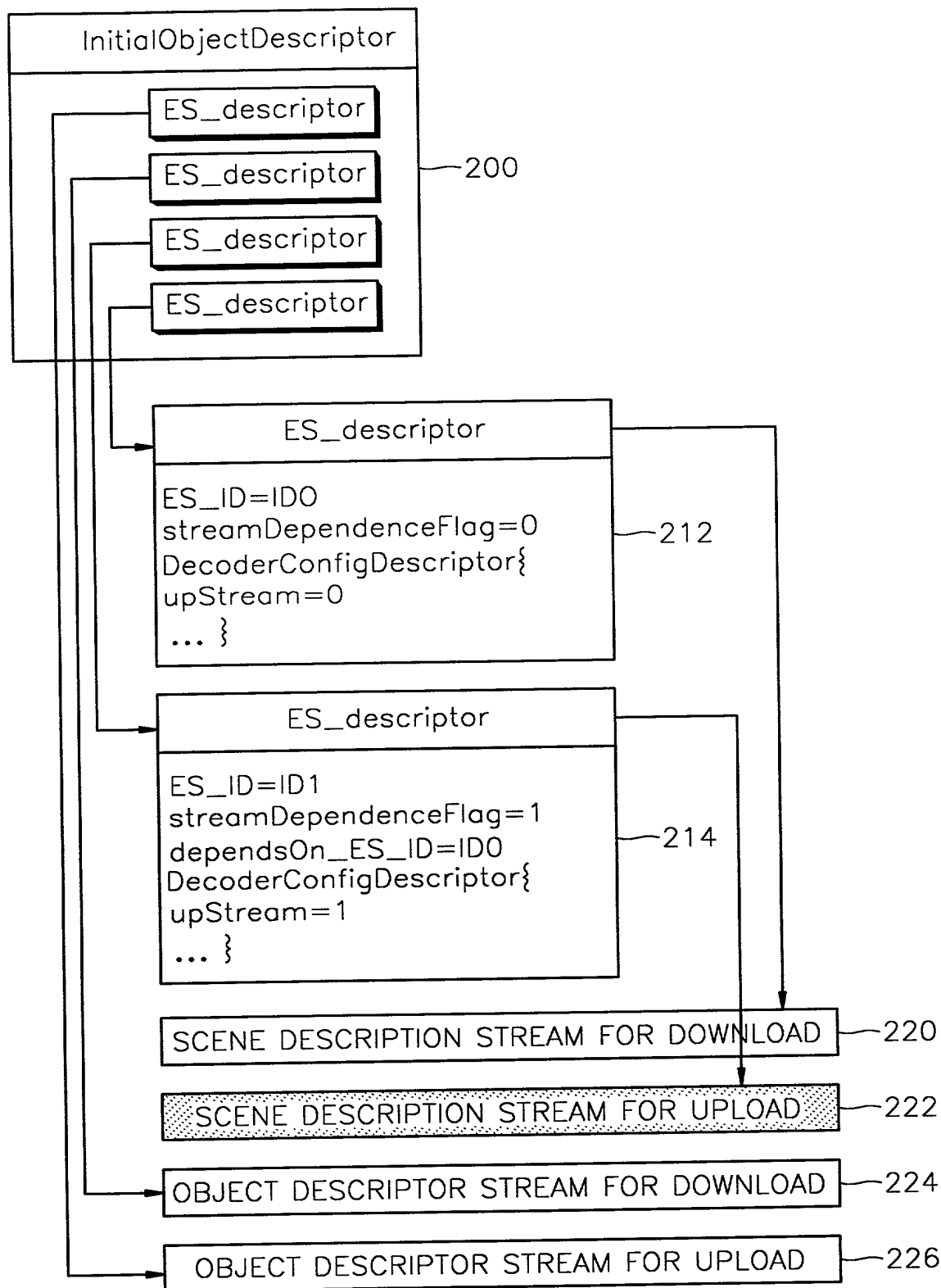


FIG. 3

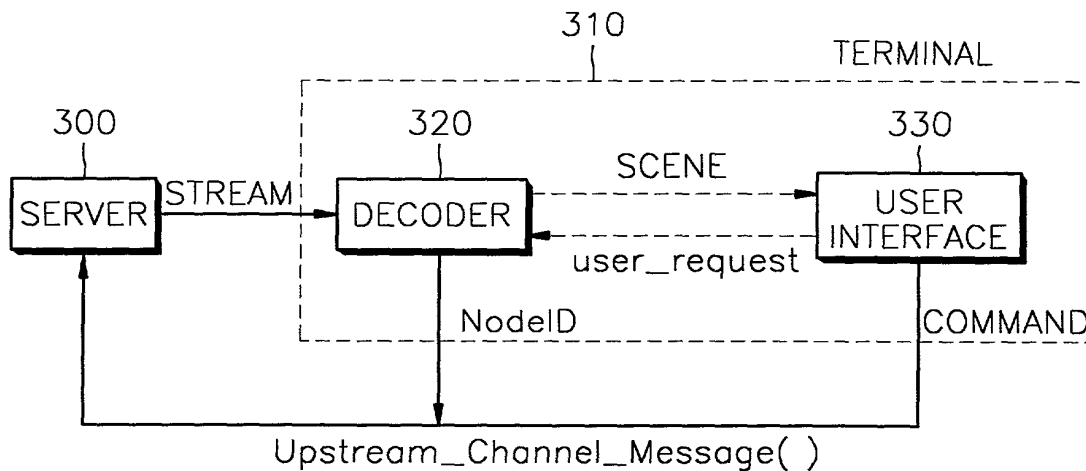


FIG. 4

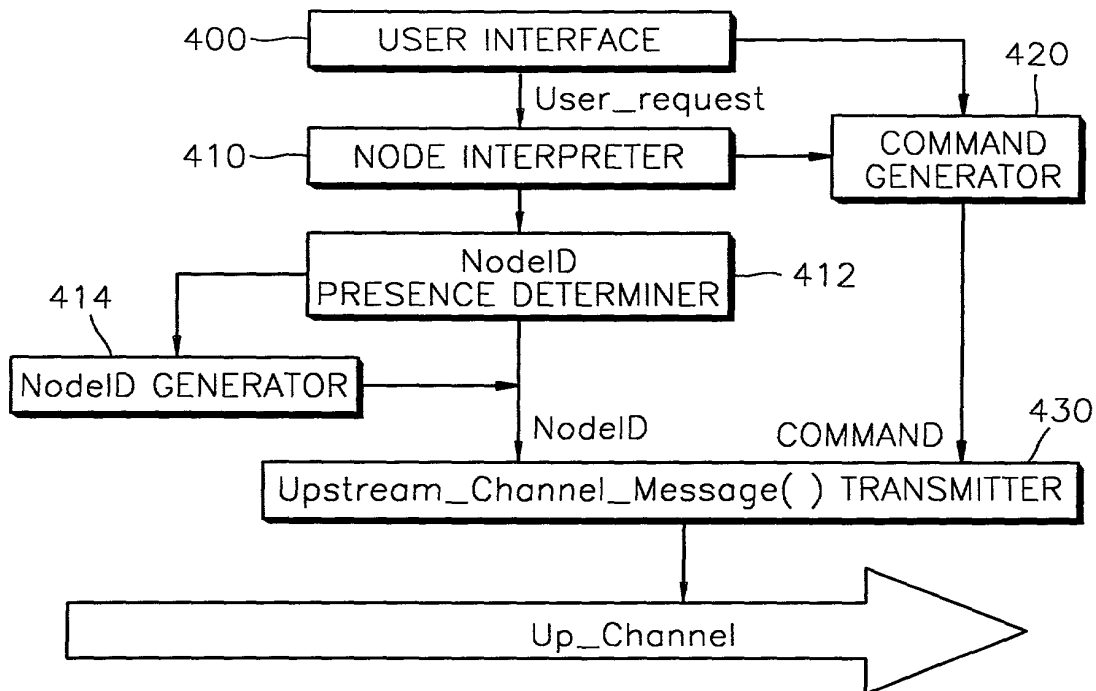


FIG. 5

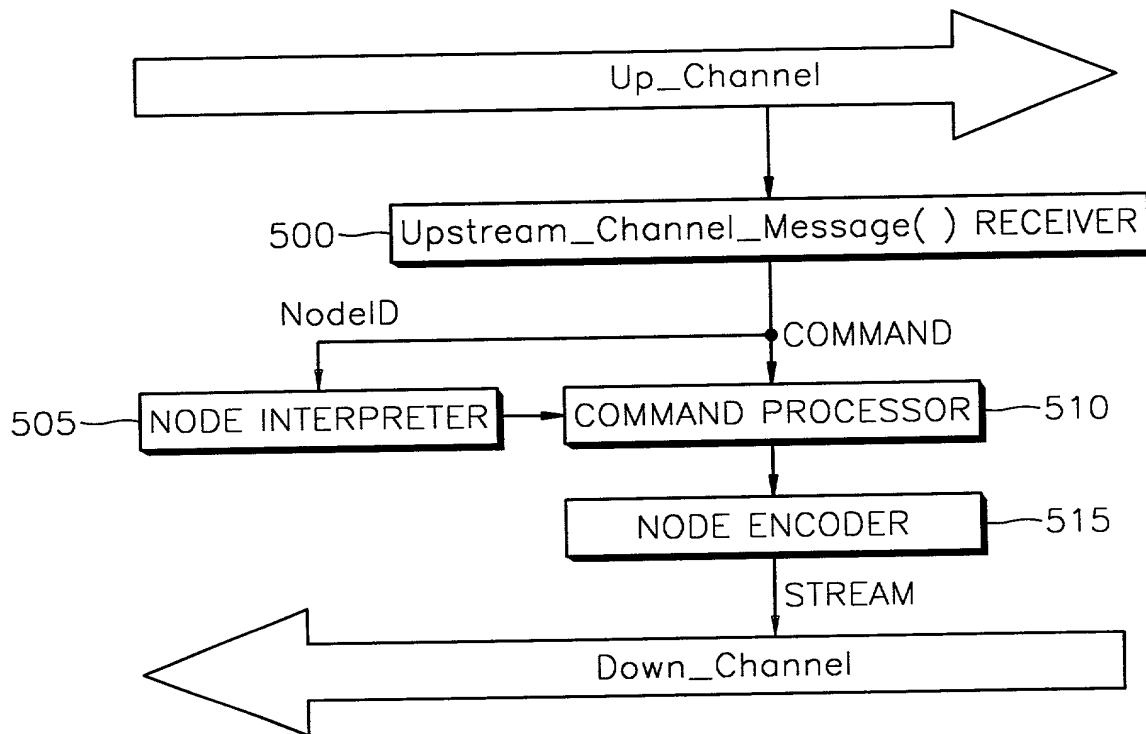


FIG. 6a

SERVER

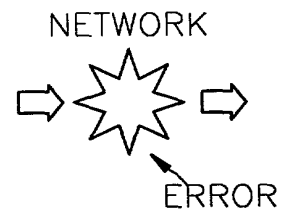
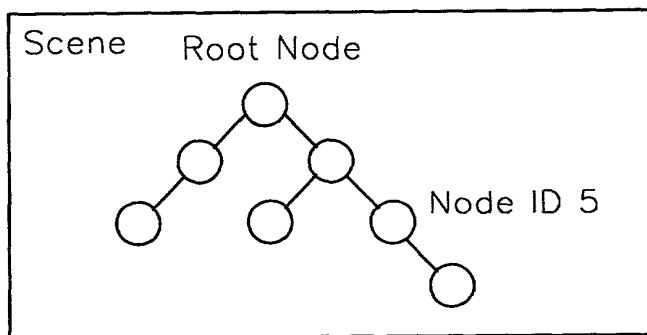
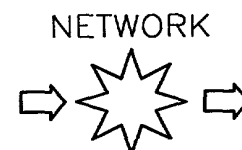
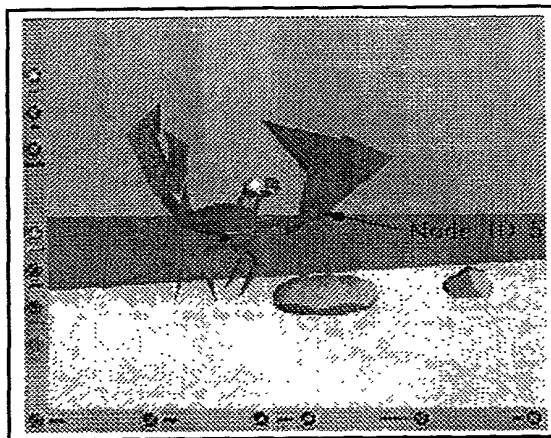


FIG. 6b

RECEIVER



UPSTREAM MESSAGE
"retransmit NodeID 5"

FIG. 6c

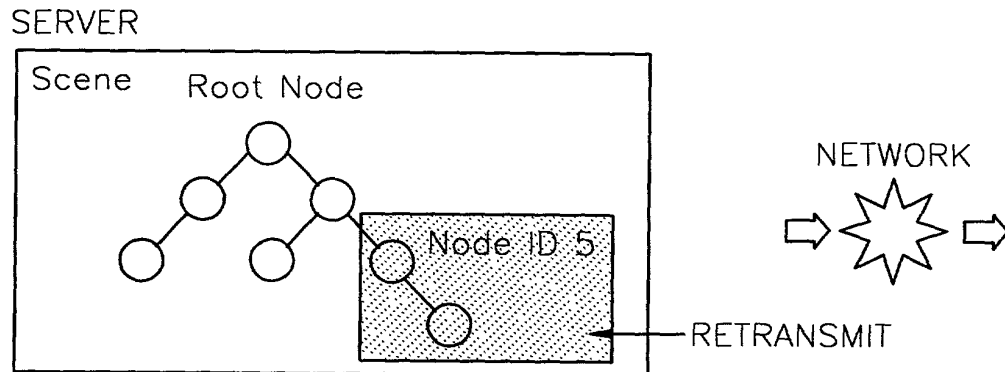


FIG. 6d

RECEIVER

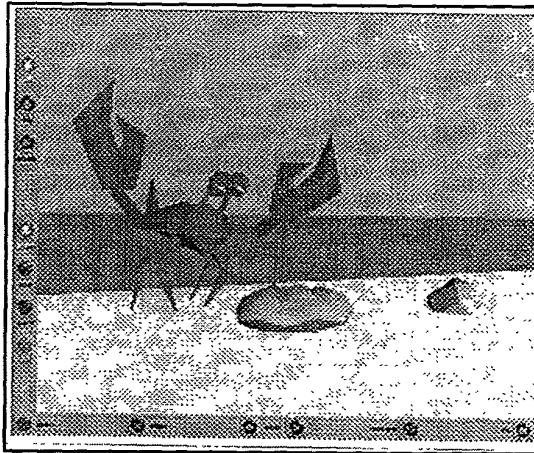


FIG. 7a

Upstream_Channel_Message() {	No. of bits	Mnemonic
NodeID	192	simsbf
command	2	uimsbf
byte_align_for_back_channel()		
}		

FIG. 7b

byte_align_for_back_channel() {	No. of bits	Mnemonic
while(!byte_aligned())		
one_bit	1	'1'
}		